

Regional HIV/AIDS Epidemiologic Profile of Norfolk County, Massachusetts: FY 2008

Table 1. Total number of people reported with HIV infection or AIDS¹ by mortality status on December 31, 2007 Norfolk County, Massachusetts

	N	%
People Living with HIV/AIDS	733	55%
People Reported with HIV or AIDS who are Deceased	599	45%
Total Number of People Reported with HIV Infection or AIDS	1,332	100%

¹ Does not include individuals diagnosed with HIV infection (non-AIDS) who died prior to January 1, 1999 or who were not in care on January 1, 1999.

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 2. Average annual rate of HIV infection diagnosis from 2004 to 2006 and rate of people living with HIV/AIDS on 12/31/07¹: Norfolk County, Massachusetts

Average annual HIV diagnosis rate from 2004–2006	Average Rate per 100,000	Average Number of HIV Diagnoses
Norfolk County, MA	5 per 100,000	35
Massachusetts Total	13 per 100,000	857
Rate of people living with HIV/AIDS on 12/31/07	Rate per 100,000	Number of People Living with HIV/AIDS
Norfolk County, MA	113 per 100,000	733
Massachusetts Total	267 per 100,000	16,977

¹ Population sizes for rate calculations are based on year 2000 population estimates from the MDPH Center for Health Information, Statistics, Research and Evaluation

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 3. People living with HIV/AIDS¹, deaths among people reported with HIV/AIDS, and newly diagnosed HIV infections by year²: 1999–2006, Norfolk County, Massachusetts

Year	HIV/AIDS Prevalence	Deaths among those with HIV/AIDS	Diagnosis of HIV Infection
1999	527	17	49
2000	568	13	54
2001	586	18	36
2002	638	8	60
2003	651	23	36
2004	682	15	46
2005	704	14	36
2006	707	21	24

¹ Number of People living with HIV/AIDS on 12/31 of each year

² Reflects year of diagnosis for HIV infection among all individuals reported with HIV infection, with or without an AIDS diagnosis
Data source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 4. People diagnosed with HIV infection from 2004–2006¹ and people living with HIV/AIDS on December 31, 2007 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Norfolk County, Massachusetts

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	83	78%	540	74%
Female	23	22%	193	26%
Place of Birth:	N	%	N	%
US	76	72%	576	79%
Puerto Rico/US Dependency ²	2	2%	15	2%
Non-US	28	26%	142	19%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	67	63%	451	62%
Black (non-Hispanic)	24	23%	197	27%
Hispanic	9	8%	60	8%
Other/Undetermined ³	6	6%	25	3%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	48	45%	290	40%
Injection Drug Use (IDU)	7	7%	121	17%
MSM/IDU	0	0%	21	3%
Heterosexual Sex	10	9%	81	11%
Other	0	0%	26	4%
Total Undetermined	41	39%	194	26%
• Presumed Heterosexual Sex ⁴	16	15%	109	15%
• Undetermined ⁵	25	24%	85	12%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2007	
Under 13	0	0%	5	1%
13 to 19	2	2%	10	1%
20 to 24	6	6%	3	0%
25 to 29	12	11%	16	2%
30 to 34	13	12%	43	6%
35 to 39	17	16%	99	14%
40 to 44	18	17%	153	21%
45 to 49	16	15%	175	24%
50 to 54	9	8%	111	15%
55 to 59	6	6%	57	8%
60+	7	7%	61	8%
Total	106	100%	733	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

⁴ Heterosexual sex with partners with unknown risk and HIV status

⁵ Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up
Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 5. People living with HIV/AIDS on December 31, 2007 by gender and race/ethnicity: Norfolk County, Massachusetts

Race/Ethnicity:	Male		Female	
	N	%	N	%
White Non-Hispanic	365	68%	86	45%
Black Non-Hispanic	106	20%	91	47%
Hispanic	48	9%	12	6%
Other/Undetermined ¹	21	4%	4	2%
Total	540	100%	193	100%

¹ Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 6. People living with HIV/AIDS on December 31, 2007 by gender and exposure mode: Norfolk County, Massachusetts

Exposure Mode:	Male		Female	
	N	%	N	%
Male-to-male sex (MSM)	290	54%	N/A	N/A
Injection drug use (IDU)	70	13%	51	26%
MSM/IDU	21	4%	N/A	N/A
Heterosexual sex	31	6%	50	26%
Other	14	3%	12	6%
Total Undetermined	114	21%	80	41%
• Presumed heterosexual sex ¹	56	10%	53	27%
• Undetermined ²	58	11%	27	14%
Total	540	100%	193	100%

¹ Heterosexual sex with partners with unknown risk and HIV status

² Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up; N/A=Not Applicable

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 7. People diagnosed with HIV infection by gender and year of diagnosis: Norfolk County, Massachusetts, before 1999, 1999–2006¹

	Male		Female		Total
	N	%	N	%	
< 1999	805	84%	159	16%	964
1999	34	69%	15	31%	49
2000	40	74%	14	26%	54
2001	27	75%	9	25%	36
2002	37	62%	23	38%	60
2003	23	64%	13	36%	36
2004	36	78%	10	22%	46
2005	30	83%	6	17%	36
2006 ²	17	71%	7	29%	24

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 8. People diagnosed with HIV infection by race/ethnicity and year of diagnosis: Norfolk County, Massachusetts, before 1999, 1999–2006¹

	White NH		Black NH		Hispanic		Other/ Undetermined ²		Total
	N	%	N	%	N	%	N	%	
< 1999	759	79%	130	13%	57	6%	18	2%	964
1999	31	63%	15	31%	-- ³	-- ³	-- ³	-- ³	49
2000	30	56%	18	33%	-- ³	-- ³	-- ³	-- ³	54
2001	19	53%	12	33%	-- ³	-- ³	-- ³	-- ³	36
2002	27	45%	22	37%	7	12%	4	7%	60
2003	20	56%	11	31%	-- ³	-- ³	-- ³	-- ³	36
2004	26	57%	12	26%	5	11%	3	7%	46
2005	23	64%	8	22%	-- ³	-- ³	-- ³	-- ³	36
2006 ³	18	75%	-- ³	-- ³	-- ³	-- ³	1	4%	24

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

⁴ 2006 data are preliminary; NH = Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 9. People diagnosed with HIV infection by place of birth and year of diagnosis: Norfolk County, Massachusetts, before 1999, 1999–2006¹

	US		Puerto Rico/ US Dependency ²		Non-US		Total
	N	%	N	%	N	%	
< 1999	855	89%	22	2%	87	9%	964
1999	41	84%	1	2%	7	14%	49
2000	39	72%	1	2%	14	26%	54
2001	24	67%	0	0%	12	33%	36
2002	40	67%	0	0%	20	33%	60
2003	28	78%	0	0%	8	22%	36
2004	30	65%	2	4%	14	30%	46
2005	25	69%	0	0%	11	31%	36
2006 ³	21	88%	0	0%	3	13%	24

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 10. People diagnosed with HIV infection by exposure mode and year of diagnosis: Norfolk County, Massachusetts, before 1999, 1999–2006¹

	MSM		IDU		MSM/ IDU		HTSX		Other		Pres. HTSX ²		Undeter- mined ³		Total
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
<1999	509	53%	201	21%	35	4%	68	7%	54	6%	60	6%	37	4%	964
1999	18	37%	9	18%	0	0%	6	12%	0	0%	8	16%	8	16%	49
2000	21	39%	6	11%	3	6%	9	17%	2	4%	8	15%	5	9%	54
2001	9	25%	0	0%	3	8%	7	19%	1	3%	7	19%	9	25%	36
2002	17	28%	7	12%	0	0%	10	17%	3	5%	13	22%	10	17%	60
2003	13	36%	3	8%	0	0%	2	6%	2	6%	8	22%	8	22%	36
2004	20	43%	1	2%	0	0%	5	11%	0	0%	10	22%	10	22%	46
2005	15	42%	2	6%	0	0%	3	8%	0	0%	6	17%	10	28%	36
2006 ⁴	13	54%	4	17%	0	0%	2	8%	0	0%	0	0%	5	21%	24

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Heterosexual sex with partners with unknown risk and HIV status

³ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up

⁴ 2006 data are preliminary

MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 11. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by year of diagnosis: Norfolk County, Massachusetts, 1999–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Year:	N	N	%
1999	14	49	29%
2000	11	54	20%
2001	14	36	39%
2002	21	60	35%
2003	12	36	33%
2004	13	46	28%
2005	12	36	33%
2006	11	24	46%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS
Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 12. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by gender, race/ethnicity, and place of birth: Norfolk County, Massachusetts, 2004–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Gender:	N	N	%
Male	32	83	39%
Female	4	23	17%
Race/Ethnicity:	N	N	%
White (non-Hispanic)	24	67	36%
Black (non-Hispanic)	8	24	33%
Hispanic	2	9	22%
Other/Undetermined ²	2	6	33%
Place of Birth:	N	N	%
US	24	76	32%
Puerto Rico/US Dependencies ³	0	2	0%
Non-US	12	28	43%
Total	36	106	34%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08